

?show files;ds  
File 348:EUROPEAN PATENTS 1978-2003/Nov W05  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031203, UT=20031127  
(c) 2003 WIPO/Univentio

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 1172145 | EXTEN? OR UNDEFINED OR (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3W) (DEFIN? OR DESIGNAT??? OR STIPULAT??? OR SET OR DETERMIN? OR ESTABLISH?) OR ADD??? OR ADDITIONAL                         |
| S2  | 20347   | MACRO? ? OR MACROINSTRUCTION? ?  |
| S3  | 982988  | COMMAND? ? OR INSTRUCTION? ? OR ELEMENT? ? OR ARGUMENT? ?  |
| S4  | 1393846 | RUN? ? OR RUNNING OR EXECUT??? OR PERFORM? OR ACTION? OR ACTIVAT??? OR BEGIN? OR EFFECT??? OR ACTUAT??? OR LAUNCH OR INITIAT???  |
| S5  | 397     | (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3N) (RECOMPIL??? OR REOPTIMIS??? OR REOPTIMIZ??? OR RE() (COMPIL??? OR OPTIMIS??? OR OPTIMIZ???)  |
| S6  | 7500    | KEYWORD? ? OR KEY() (WORD? ? OR TEXT OR PHRASE? ?)   |
| S7  | 335703  | REGISTR??? OR REGISTER??? OR RECORD??? OR TABULAT???   |
| S8  | 454486  | ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR JUST(2W) TIME OR DYNAMIC? OR JIT OR TO() ORDER OR REALTIME OR (REAL OR ACTUAL) () TIME OR BEHIND(2W) SCENE? ? OR ADAPTIV? OR TRANSPARENT? |
| S9  | 133     | S2(10N) (S1(7N) S3)  |
| S10 | 51      | S4(5N) S5  |
| S11 | 12      | S6(5N) S7(5N) S8   |
| S12 | 0       | S9(S) S10(S) S11   |
| S13 | 0       | S2(S) (S10 OR S11)   |
| S14 | 82      | S4(10N) S5   |
| S15 | 10      | S8(10N) (S6(5N) S7)  |
| S16 | 29      | S6(10N) S7(10N) S8   |
| S17 | 7       | S2 AND (S14 OR S16)  |
| S18 | 77      | S2(5N) (S1(3N) S3)   |
| S19 | 57240   | IC=(G06F-017? OR G06F-007? OR G06F-009?)   |
| S20 | 42      | S18 AND S19  |
| S21 | 44      | S2-AND-((S4(S) S5) OR (S6(S) S7(S) S8))  |
| S22 | 32      | S19 AND S21  |
| S23 | 32      | IDPAT (sorted in duplicate/non-duplicate order)  |
| S24 | 30      | IDPAT (primary/non-duplicate records only)   |

24/3,K/2 (Item 2 m file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00952558

PROCESS CONTROL

PROZESSSTEUERVORRICHTUNG

COMMANDE DE PROCEDE

PATENT ASSIGNEE:

Cyberlife Technology Limited, (2543640), Quern House, Mill Court, Great Shelford, Cambridge CB2 5LD, (GB), (Proprietor designated states: all)

INVENTOR:

GRAND, Stephen, Lewis, The Old Station House Haybridge Wells, Somerset BA5 1AQ, (GB)

LEGAL REPRESENTATIVE:

Robinson, Nigel Alexander Julian (69551), D. Young & Co., 21 New Fetter Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 937286 A1 990825 (Basic)

EP 937286 B1 020327

WO 9820418 980514

APPLICATION (CC, No, Date): EP 96935171 961105; WO 96GB2703 961105

DESIGNATED STATES: DE; FI; FR; GB; IE; IT; NL; SE

INTERNATIONAL PATENT CLASS: \*G06F-009/46\*

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS B                           | (English) | 200213 | 1108       |
| CLAIMS B                           | (German)  | 200213 | 974        |
| CLAIMS B                           | (French)  | 200213 | 1316       |
| SPEC B                             | (English) | 200213 | 17766      |
| Total word count - document A      |           |        | 0          |
| Total word count - document B      |           |        | 21164      |
| Total word count - documents A + B |           |        | 21164      |

INTERNATIONAL PATENT CLASS: \*G06F-009/46\*

...SPECIFICATION in a specialised, interpreted language.

Similarly, there is a repertoire of plug and socket types, \*performing\* the various kinds of inter-cellular relationship and communication. These make up an internal' construction...

...exist in soft-codable form, so that new plug and socket types can be defined \*without\* needing to \*re\*-\*compile\* the program. Hard- or soft-coded cell types can be constructed from the various classes...very important, as it allows new kinds of Gaia object to be imported into simulations \*without\* \*recompiling\* them, and even \*without\* stopping program \*execution\* (for example, by downloading them transparently across the Internet).

Not only can scripts be stored...and compiling it into the cell library, or by defining behaviour at run-time using \*macro\* scripts.

2. Apply polygon meshes made from appropriate materials in order to render these cells...

24/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00431289

Incremental compiler for source code development system.

Inkrementeller Compiler fur ein Quellkodeentwicklungssystem.

Compilateur incrementiel pour un systeme de developpement de code source.

PATENT ASSIGNEE:

DIGITAL EQUIPMENT CORPORATION, (313081), 111 Powdermill Road, Maynard Massachusetts 01754-1418, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

McKeeman, William M., 62 Truell Road, Hollis, New Hampshire, 03049, (US)  
Aki, Shota, 9 Grandview Drive, Weare, New Hampshire, 03281, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 30 John Street, London WC1N  
2DD, (GB).

PATENT (CC, No, Kind, Date): EP 406028 A2 910102 (Basic)  
EP 406028 A3 930107

APPLICATION (CC, No, Date): EP 90307228 900702;

PRIORITY (CC, No, Date): US 375397 890630; US 375398 890630; US 375399  
890630; US 375383 890630; US 375384 890630; US 375401 890630; US 375402  
890630

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: \*G06F-009/46\*; \*G06F-009/44\*

ABSTRACT WORD COUNT: 348

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | EPABF1 | 5467       |
| SPEC A                             | (English) | EPABF1 | 14271      |
| Total word count - document A      |           |        | 19738      |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 19738      |

INTERNATIONAL PATENT CLASS: \*G06F-009/46\*...

...\*G06F-009/44\*

...ABSTRACT A2

A computer-aided software development system includes programs to implement edit, compile, link and \*run\* sequences, all from memory, at very high speed. The compiler and linker operate on an...

...in an edit session, then only that line and lines related to it need be \*recompiled\* if \*no\* other code is affected; linking is also done in a manner to save and re...

...lists which are not changed from one edit session to another. Dependency analysis may be \*performed\* incrementally, without requiring the user to enter dependencies. Scanning is also done incrementally, and the...

...Also, the object code created is maintained in memory rather than in a file, and \*executed\* from this memory image, to reduce delays. A virtual memory management arrangement for the system...

...SPECIFICATION modules 12 which have not been changed or are not dependent upon changed code are \*not\* \*recompiled\*. If an error is found by the compiler 11, the operation is returned by path...

...tables 14 plus a link table produced by the linker 15 along with information from \*run\*-time libraries, but in any event the code image (in memory) is \*executed\* as indicated by the \*run\* function 18. If logic errors or runtime errors are discovered during the \*run\* phase, the programmer returns to the edit phase. The code image 16, after being \*run\* with no error reported, would be saved as debugged object code in traditional systems; however...starting situation for later reuse.

Other journals are needed for some languages. Incremental preprocessing for \*macro\* expansion is one example.

The saved information, mostly in journals, is attached to a context... structure from the language. For some languages this is a trivial mapping; for others with \*macros\* or keyword features, it may require a

computation and other tables.

Figure 8 shows the...However, up to this point, the compiler can skip over the clean or unchanged increment \*without\* \*recompiling\* code unnecessarily. The clean increment does not need to be parsed because the information that...

24/3,K/23 . . . (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00560546 \*\*Image available\*\*

**METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGUAGE EXTENSIBLE**

Patent Applicant/Assignee:

COMPUTER ASSOCIATES THINK INC,  
DEFFLER Tad A,  
MINTZ Eric,

Inventor(s):

DEFFLER Tad A,  
MINTZ Eric,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200023919 A1 20000427 (WO 0023919)

Application: WO 99US24115 19991015 (PCT/WO US9924115)

Priority Application: US 98104682 19981016

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HU ID IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 5605

**METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGUAGE EXTENSIBLE**

Main International Patent Class: \*G06F-017/30\*

Fulltext Availability:

Detailed Description

Claims

**English Abstract**

A method and system for an extensible \*macro\* language is provided. The system for providing the extensible language includes a parser and a \*macro\* handler (110) for processing \*macro\* commands not previously defined in the \*macro\* language. The parser (102) analyzes keywords in a \*macro\* language expression and recognizes one or more keywords (116) representing \*macro\* commands that were not previously defined in the \*macro\* language. The \*macro\* handler (110) receives the keyword in the \*macro\* expression and retrieves from a registry of keywords, an executable code or procedure (112) associated with the keyword. The executable code (112) is run to process the \*macro\* command represented by the keyword. The template language registry may be augmented to include any keywords and associated codes for extending the \*macro\* language.

**French Abstract**

L'invention concerne un procede et un systeme pour un \*macro\*-langage extensible. Le systeme destine a fournir le langage extensible comprend un analyseur syntaxique et un \*macro\*-module de traitement (110) destine a traiter des \*macro\*-commandes non definies prealablement dans le \*macro\*-langage. L'analyseur syntaxique (102) analyse des mots-cles dans une expression du \*macro\*-langage et il reconnaît un ou plusieurs mots-cles (116) representant des \*macro\*-commandes n'ayant pas été définies préalablement dans le \*macro\*-langage. Le \*macro\*-module (110)

determining based on predetermined syntax of a \*macro\* language, one or more keywords in the analyzed \*macro\* language expression, the keyword representing a \*macro\* command not previously defined in the \*macro\* language; retrieving a code associated with the keyword from a registry of keywords; and executing the code associated with the keyword.

2 The method for providing an extensible \*macro\* language as claimed in claim 1, further comprising: extending the registry of keywords by inserting...

...and a code associated with the new keyword.

3 A system for providing an extensible \*macro\* language, comprising:

a parser having a predefined syntax to determine one or more extended keywords embedded within a \*macro\* language expression, the extended keyword representing a \*macro\* command undefined in a predetermined set of \*macro\* commands of a \*macro\* language; a keyword repository having one or more keywords and associated codes; and a \*macro\* handler coupled to the parser for receiving the extended keyword from the parser, the \*macro\* handler in response to the received extended keyword, retrieving a code associated with the received extended keyword from the keyword repository and executing the code to run the \*macro\* command represented by the extended keyword.

4 The extensible \*macro\* language as claimed in claim

3 wherein the keyword repository is augmented to include new keywords and associated codes.

5 A method for parsing a \*macro\* language expression, comprising:

analyzing a \*macro\* language expression; and determining based on a predetermined syntax of a \*macro\* language, one or more keywords in the analyzed \*macro\* language expression, the keywords representing \*macro\* commands undefined in a predetermined set of \*macro\* commands of a \*macro\* language.

24/3,K/28 (Item 28 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00261261

METHOD AND SYSTEM FOR INTERFACING TO A TYPE LIBRARY  
PROCEDE ET SYSTEME D'INTERFACAGE AVEC UNE BIBLIOTHEQUE DE TYPES

Patent Applicant/Assignee:

MICROSOFT CORPORATION,

Inventor(s):

ACTON Colin J,

CARON Ilan G,

CARTER Alan W,

CORBETT Tom,

WOOLF Michael J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9409428 A1 19940428

Application: WO 93US9673 19931008 (PCT/WO US9309673)

Priority Application: US 92959056 19921009

Designated States: CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English  
Fulltext Word Count: 13928

Main International Patent Class: \*G06F-009/44\*

Fulltext Availability:

Detailed Description  
Claims

Detailed Description

... 3 is a block diagram showing sample components used when a word processor invokes a \*macro\* interpreter.

Figures 4. through 7 are block diagrams illustrating a preferred type library interface hierarchy...showing the hierarchy of an ITypeDesc object.

Figure 8 is a diagram showing steps a \*macro\* interpreter executes when interpreting the \*macro\* of Code

Table 1,

Figure 9 is a flow diagram of the routine ExecuteGlobalFunction\*

Figure...doc" that contains

several paragraphs 102, The word processor has menu 103 for invoking a \*macro\* interpreter (an application). In this example, the \*macro\* interpreter is designed to run as part of the same process of the invoking computer program. The \*macro\* interpreter inputs statements in a C++@like language from a user and interprets the statements. When the user selects the \*macro\* menu 103, \*macro\* window 104 is created. The user inputs the \*macro\* statements 105 and then selects the run menu of the \*macro\* window 104 to interpret the \*macro\* statements. In this example, the \*macro\* statements 105 cause each paragraph in the opened document to be right justified.

is Continuing...

...information, and documentation with the executable code of the word processor. The developer of the \*macro\* interpreter publishes a description of its C++-like language. The word processor and the \*macro\* interpreter are developed with no special knowledge of the other.

That is, the word processor is developed knowing only that it needs to load a \*macro\* interpreter stored in a file of a predefined name and invoke that \*macro\* interpreter when the user selects its \*macro\* menu. Similarly, the \*macro\* interpreter is developed knowing only that it needs to look to the type library that...

...passed when invoked to access the exposed objects of the invoking computer program. The same \*macro\* interpreter can be invoked by other kinds of computer programs, such as a spreadsheet or...

...of the exposed word processor objects and the published definition of the language of the \*macro\* interpreter to develop \*macros\* for the word processor. The \*macro\* interpreter inputs these \*macros\* and interacts with the word processor based on the information in the word processor type library to interpret the \*macros\*.

Figure 2 is a block diagram showing the generation of a type library. To generate...3 is a block diagram showing

the components used when the word processor invokes the \*macro\* interpreter. When a user selects the \*macro\* menu of the word processor 301, the word processor loads the \*macro\* interpreter code 302 in the address space of the word processor 301. In an alternate embodiment, the \*macro\* interpreter 302 could be loaded as a separate process and could use standard interprocess communication mechanisms to communicate with the word processor 301. Once the \*macro\* interpreter is invoked, the user then inputs \*macro\* statements 3 0 3. The \*macro\* interpreter 302 instantiates type library interface objects 304 to access the information in the word...

...contain the text and properties (e.g., justification) of the paragraphs. The CODE TABLE 1

```
*Macro* Justify
Document *pdoc
Paragraph *ppara
3 pdoc = GetDoco
i = 0
while (NULL != (ppara = pdoc->GetPara(i++))
ppara->SetJustify( 11rightf1)
EndMacro
```

Code Table I lists \*macro\* statements that set the justification of each paragraph in the open document. The numbers to the left of the statements are for reference, In line 1,, the \*macro\* declares the variable pdoc to point to a document object, In line 2, the \*macro\* declares the variable ppara to point to a paragraph object, In line 3, the \*macro\* sets the variable pdoc to point to the document object for the open document, The function GetDoc returns the pointer to the document object. In line 4. the \*macro\* sets the variable i to 0, The variable i is used to index through the paragraphs. In lines 5 and 6, the \*macro\* loops through each paragraph setting its justification to right

...SetJustify of the paragraph class sets the paragraph to right justified, The steps that the \*macro\* interpreter performs to interpret the \*macro\* of Code Table 1 are described in detail below.

Type libraries can also be used...

...returns a pointer to the instantiated object. The application can then access the object, The \*macro\* interpreter of the above example could instantiate an object a type paragraph, store data in...displays object type definitions within a type library to a user, For example, 5 the \*macro\* interpreter of the above example could have a -browsing mode in which it displayed the...GenerateFuncDesc(functionname, pfdesc);

```
ptdesc->SetFuncDesc(pfdesc);
```

Figure 8 is a diagram showing steps the \*macro\* interpreter executes to interpret the \*macro\* of Code Table 1, Figure 8 does not represent a flow diagram of the \*macro\* interpreter,, but rather represents those steps the \*macro\* interpreter executes when interpreting the \*macro\* of Code Table 1. In step 801, the \*macro\* interpreter opens the type library for the word processor. When the type library is opened,, a pointer to an ITypeLib object is returned in variable ptlib, In step 802, the \*macro\* interpreter allocates memory for the variable pdoc, which is a pointer to a document type. In step 803, the \*macro\* interpreter allocates memory for the variable ppara which is a pointer to a paragraph type. In step 804, the \*macro\*

interpreter interprets line 3 of Code Table 1, The \*macro\* interpreter invokes its routine ExecuteGlobalFunction passing it a pointer to the open type library, the...

...the document object for the open document in the word processor, In step 805,, the \*macro\* interpreter sets the variable pdoc to the return value. In step 806, the \*macro\* interpreter interprets line 4 of Code Table 1, The \*macro\* interpreter sets the variable i to 0. In steps 807 through 810, the \*macro\* interpreter interprets lines 5 and 6 of Code Table 1. In step 807, the \*macro\* interpreter invokes the routine ExecutememberFunction passing a pointer to the ITypeLib object for the open...

...returns a pointer to a paragraph object of the designated index. In step 808, the \*macro\* interpreter sets variable ppara equal to the return value, In step 809, if the variable ppara is equal to null, then all the paragraphs have been processed and the \*macro\* interpreter is done interpreting the Code Table 1, else the \*macro\* interpreter continues at step 810. In step 810, the \*macro\* interpreter invokes routine ExecuteFunctionMember passing a pointer to the ITypeLib object for the open libraryf...execute (SetJustify), and the parameter "right." The function member SetJustify has no return value. The \*macro\* interpreter then loops to step 807 to continue execution of the loop of lines 5...

Claim

... including the step of loading a second implementation of the predefined interface and wherein the \*executing\* computer program accesses the type definitions in a second type library \*without\* \*recompiling\* the computer program,

12 The method of claim 10 including the step of executing a...

24/AZ, TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01030324  
MOBILE ELECTRONIC COMMERCE SYSTEM  
MOBILES ELEKTRONISCHES HANDELSSYSTEM  
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE

24/AZ, TI/2 (Item 2 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00952558  
PROCESS CONTROL  
PROZESSSTEUERVORRICHTUNG  
COMMANDE DE PROCEDE

24/AZ, TI/3 (Item 3 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00879292  
Incremental compilation of c++ programs  
Inkrementelle Komprimierung von C++ Programmen  
Compilation incrementale de programmes C++

24/AZ, TI/4 (Item 4 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00843962  
Micoprocessor pipe control and register translation  
Mikroprozessorpipelinsteuierung und Registerubersetzung  
Commande de pipeline et traduction de registre pour microprocesseur

24/AZ, TI/5 (Item 5 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00506416  
INTEGRATED HIERARCHICAL REPRESENTATION OF COMPUTER PROGRAMS FOR A SOFTWARE DEVELOPMENT SYSTEM  
INTEGRIERTE HIERARCHISCHE DARSTELLUNG VON RECHNERPROGRAMMEN FUR EIN SOFTWARE-ENTWICKLUNGSSYSTEM  
REPRESENTATION HIERARCHIQUE INTEGREE DE PROGRAMMES INFORMATIQUES POUR UN SYSTEME DE DEVELOPPEMENT DE LOGICIELS

24/AZ, TI/6 (Item 6 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00431289  
Incremental compiler for source code development system.  
Inkrementeller Compiler fur ein Quellkodeentwicklungssystem.  
Compilateur incrementiel pour un systeme de developpement de code source.

24/AZ, TI/7 (Item 7 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00402194  
Simulation of selected logic circuit designs  
Simulation von ausgewahlten Logik-Schaltungsentwurfen  
Simulation de conceptions selectionnees de circuit logique

24/AZ, TI/8 (Item 8 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00281658  
MULTIPROCESSING METHOD AND ARRANGEMENT.  
MULTIPROZESSORVERFAHREN UND -ANORDNUNG.  
PROCEDE ET AGENCEMENT MULTIPROCESSEURS.

24/AZ, TI/9 (Item 9 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

01006405  
DATA PROCESSING SYSTEM AND METHOD  
SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES

24/AZ, TI/10 (Item 10 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00906109  
INTEGRATED SYSTEM FOR BIOLOGICAL INFORMATION  
SYSTEME INTEGRE POUR INFORMATIONS BIOLOGIQUES

24/AZ, TI/11 (Item 11 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00876811  
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVICE, OPERATING SYSTEM,  
AND NETWORK TRANSPORT NEUTRAL SECURE INTERACTIVE MULTI-MEDIA MESSAGING  
SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR APPAREIL, SYSTEME  
D'EXPLOITATION ET MESSAGERIE MULTIMEDIA INTERACTIVE RESEAU, NEUTRE ET  
SECURISEE

24/AZ, TI/12 (Item 12 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00802534  
ANY-TO-ANY COMPONENT COMPUTING SYSTEM  
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

24/AZ, TI/13 (Item 13 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00790513  
SOFTWARE DEVELOPMENT SYSTEM FOR FACILITATING SELECTION OF COMPONENTS  
SYSTEME LOGICIEL DE MISE AU POINT POUR FACILITER LA SELECTION DE COMPOSANTS

24/AZ, TI/14 (Item 14 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00784143  
SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOAD BALANCING REQUESTS AMONG  
SERVERS  
SYSTEME, PROCEDE ET ARTICLE POUR EQUILIBREUR DE CHARGE DANS UN  
ENVIRONNEMENT DE STRUCTURES DE SERVICES

24/AZ, TI/15 (Item 15 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00784138

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST BATCHER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT  
SISTÈME, PROCÉDÉ ET ARTICLE MANUFACTURE POUR MODULE DE MISE EN LOTS DES REQUÊTES DANS UN ENVIRONNEMENT CARACTÉRISÉ PAR DES SERVICES TRANSACTIONNELS

24/AZ, TI/16 (Item 16 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00784136

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES PATTERNS IN A NETCENTRIC ENVIRONMENT  
SISTÈME, PROCÉDÉ ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE L'INTERNET

24/AZ, TI/17 (Item 17 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00784134

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CONSTANT CLASS COMPONENT IN A BUSINESS LOGIC SERVICES PATTERNS ENVIRONMENT  
SISTÈME, PROCÉDÉ ET ARTICLE MANUFACTURE UN COMPOSANT DE CLASSE DE CONSTANTE DANS UN ENVIRONNEMENT DE SCHÉMAS DE SERVICES DE LOGIQUE D'AFFAIRES

24/AZ, TI/18 (Item 18 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00784131

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT  
SISTÈME, PROCÉDÉ ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION MULTI-OBJET DANS UN ENVIRONNEMENT CARACTÉRISÉ PAR DES SERVICES D'INFORMATIONS

24/AZ, TI/19 (Item 19 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00777016

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAINTAINING DATA IN AN E-COMMERCE BASED TECHNICAL ARCHITECTURE  
SISTÈME, PROCÉDÉ ET ARTICLE MANUFACTURE DE MAINTIEN DES DONNÉES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ÉLECTRONIQUE

24/AZ, TI/20 (Item 20 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00777011

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CODES TABLE FRAMEWORK DESIGN IN AN E-COMMERCE ARCHITECTURE  
SISTÈME, PROCÉDÉ ET ARTICLE FABRIQUE POUR LA CONCEPTION D'UNE STRUCTURE DE TABLES DE CODES DANS UNE ARCHITECTURE DE COMMERCE ÉLECTRONIQUE

24/AZ, TI/21 (Item 21 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00772860

FAULT TOLERANT AND COMBINATORIAL SOFTWARE ENVIRONMENT SYSTEM, METHOD AND  
MEDIUM  
SYSTEME D'ENVIRONNEMENT LOGICIEL COMBINATOIRE ET INSENSIBLE AUX  
DEFAILLANCES, ET PROCEDE ET SUPPORT ASSOCIES

24/AZ, TI/22 (Item 22 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00764607  
SECURE, ACCOUNTABLE, MODULAR AND PROGRAMMABLE SOFTWARE TRAC  
LOGICIEL TRAC PROGRAMMABLE, MODULAIRE, UTILISABLE ET SECURISE

24/AZ, TI/23 (Item 23 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560546  
METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGAGE EXTENSIBLE

24/AZ, TI/24 (Item 24 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00551259  
VIRTUAL FILE SERVER  
SERVEUR DE FICHIERS VIRTUELS

24/AZ, TI/25 (Item 25 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00518042  
APPLICATION PROGRAM INTERFACES IN AN OPERATING SYSTEM  
INTERFACES DE PROGRAMME D'APPLICATION DANS UN SYSTEME D'EXPLOITATION

24/AZ, TI/26 (Item 26 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00376923  
STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE  
STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION

24/AZ, TI/27 (Item 27 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00348333  
AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND  
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS  
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION  
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE

24/AZ, TI/28 (Item 28 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00261261  
METHOD AND SYSTEM FOR INTERFACING TO A TYPE LIBRARY  
PROCEDE ET SYSTEME D'INTERFACAGE AVEC UNE BIBLIOTHEQUE DE TYPES

24/AZ, TI/29 (Item 29 from file: 349)

00234265

SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND  
DECISION-MAKING MICROPROCESSOR INTERFACING  
SYSTEME DE SEPARATION DES TACHES DE TRAITEMENT EN TACHES POUR INTERFACAGE  
AVEC UN PROCESSEUR DE SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE  
DECISION

24/AZ, TI/30 (Item 30 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00149051

MULTIPROCESSING METHOD AND ARRANGEMENT  
PROCEDE ET AGENCEMENT A MULTIPROCESSEUR

?show files;ds  
 File 35:Dissertation Abs Online 1861-2003/Oct  
     (c) 2003 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2003/Dec W1  
     (c) 2003 BLDSC all rts. reserv.  
 File 8:Ei Compendex(R) 1970-2003/Nov W5  
     (c) 2003 Elsevier Eng. Info. Inc.  
 File 202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17  
     (c) 2003 EBSCO Publishing  
 File 2:INSPEC 1969-2003/Nov W5  
     (c) 2003 Institution of Electrical Engineers  
 File 94:JICST-EPlus 1985-2003/Dec W1  
     (c) 2003 Japan Science and Tech Corp(JST)  
 File 6:NTIS 1964-2003/Dec W1  
     (c) 2003 NTIS, Intl Cpyrht All Rights Res  
 File 144:Pascal 1973-2003/Nov W5  
     (c) 2003 INIST/CNRS  
 File 34:SciSearch(R) Cited Ref Sci 1990-2003/Nov W5  
     (c) 2003 Inst for Sci Info  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
     (c) 1998 Inst for Sci Info  
 File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov  
     (c) 2003 Info.Sources Inc  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct  
     (c) 2003 The HW Wilson Co.  
 File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Dec 08  
     (c) 2003 The Gale Group

| Set | Items    | Description   |
|-----|----------|---|
| S1  | 3986691  | EXTEN? OR UNDEFINED OR (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3W) (DEFIN? OR DESIGNAT??? OR STIPULAT??? OR SET OR DETERMIN? OR ESTABLISH?) OR ADD??? OR ADDITIONAL                        |
| S2  | 58590    | MACRO? ? OR MACROINSTRUCTION? ?   |
| S3  | 3505431  | COMMAND? ? OR INSTRUCTION? ? OR ELEMENT? ? OR ARGUMENT? ?   |
| S4  | 17542033 | RUN? ? OR RUNNING OR EXECUT??? OR PERFORM? OR ACTION? OR ACTIVAT??? OR BEGIN? OR EFFECT??? OR ACTUAT??? OR LAUNCH OR INITIAT???   |
| S5  | 245      | (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3N) (RECOMPIL??? OR REOPTIMIS??? OR REOPTIMIZ??? OR RE() (COMPIL??? OR OPTIMIS??? OR OPTIMIZ????))   |
| S6  | 44146    | KEYWORD? ? OR KEY() (WORD? ? OR TEXT OR PHRASE? ?)  |
| S7  | 1484514  | REGISTR??? OR REGISTER??? OR RECORD??? OR TABULAT???  |
| S8  | 3605476  | ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN)(2W) (NEEDED OR REQUIRED) OR JUST(2W) TIME OR DYNAMIC? OR JIT OR TO() ORDER OR REALTIME OR (REAL OR ACTUAL) () TIME OR BEHIND(2W) SCENE? ? OR ADAPTIV? OR TRANSPARENT? |
| S9  | 86       | S2(10N) (S1(7N) S3)   |
| S10 | 45       | S4(5N) S5   |
| S11 | 6        | S6(5N) S7(5N) S8  |
| S12 | 0        | S9(S) S10(S) S11  |
| S13 | 1573     | S1(10N) S2  |
| S14 | 0        | S13(S) S10  |
| S15 | 1        | S13(S) ((S4(S) S5) OR (S6(S) S7(S) S8))   |
| S16 | 0        | S9 AND S10  |
| S17 | 1        | S2 AND (S4(S) S5)   |
| S18 | 137      | S9 OR S10 OR S11  |
| S19 | 103      | S18 NOT PY>1998   |
| S20 | 102      | S19 NOT PD=19981017:20040131  |
| S21 | 77       | RD (unique items)   |
| S22 | 40       | S2(5N) (S1(3N) S3)  |
| S23 | 31       | S4(3N) S5   |
| S24 | 77       | S11 OR S22 OR S23   |
| S25 | 59       | S24 NOT PY>1998   |
| S26 | 59       | S25 NOT PD=19981017:20040131  |

?show files;ds  
File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)  
    (c) 2003 JPO & JAPIO  
File 348:EUROPEAN PATENTS 1978-2003/Nov W05  
    (c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031203,UT=20031127  
    (c) 2003 WIPO/Univentio  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379  
    (c) 2003 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
    (c) 2002 INPI. All rts. reserv.  
File 120:U.S. Copyrights 1978-2003/Dec 02  
    (c) format only 2003 The Dialog Corp.  
File 426:LCMARC-Books 1968-2003/Dec W1  
    (c) format only 2003 Dialog Corporation  
File 430:British Books in Print 2003/Nov W4  
    (c) 2003 J. Whitaker & Sons Ltd.  
File 35:Dissertation Abs Online 1861-2003/Oct  
    (c) 2003 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2003/Dec W1  
    (c) 2003 BLDSCL all rts. reserv.  
File 8:Ei Compendex(R) 1970-2003/Nov W5  
    (c) 2003 Elsevier Eng. Info. Inc.  
File 202:Info. Sci. & Tech. Abs. 1966-2003/Nov 17  
    (c) 2003 EBSCO Publishing  
File 2:INSPEC 1969-2003/Nov W5  
    (c) 2003 Institution of Electrical Engineers  
File 94:JICST-EPlus 1985-2003/Dec W1  
    (c) 2003 Japan Science and Tech Corp(JST)  
File 6:NTIS 1964-2003/Dec W1  
    (c) 2003 NTIS, Intl Cpyrht All Rights Res  
File 144:Pascal 1973-2003/Nov W5  
    (c) 2003 INIST/CNRS  
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Nov W5  
    (c) 2003 Inst for Sci Info  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
    (c) 1998 Inst for Sci Info  
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Nov  
    (c) 2003 Info.Sources Inc  
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct  
    (c) 2003 The HW Wilson Co.  
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Dec 08  
    (c) 2003 The Gale Group  
File 9:Business & Industry(R) Jul/1994-2003/Dec 08  
    (c) 2003 Resp. DB Svcs.  
File 15:ABI/Inform(R) 1971-2003/Dec 09  
    (c) 2003 ProQuest Info&Learning  
File 635:Business Dateline(R) 1985-2003/Dec 09  
    (c) 2003 ProQuest Info&Learning  
File 610:Business Wire 1999-2003/Dec 09  
    (c) 2003 Business Wire.  
File 647:CMPI Computer Fulltext 1988-2003/Dec W1  
    (c) 2003 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2003/Dec W1  
    (c) 2003 IDG Communications  
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 08  
    (c) 2003 The Gale Group  
File 20:Dialog Global Reporter 1997-2003/Dec 09  
    (c) 2003 The Dialog Corp.  
File 98:General Sci Abs/Full-Text 1984-2003/Oct  
    (c) 2003 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
    (c) 2003, EBSCO Pub.  
File 624:McGraw-Hill Publications 1985-2003/Dec 09  
    (c) 2003 McGraw-Hill Co. Inc

File 621:Gale Group Newslod.Annou.(R) 1985-2003/Dec 08  
     (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Dec 08  
     (c) 2003 The Gale Group  
 File 369:New Scientist 1994-2003/Nov W5  
     (c) 2003 Reed Business Information Ltd.  
 File 483:Newspaper Abs Daily 1986-2003/Dec 08  
     (c) 2003 ProQuest Info&Learning  
 File 484:Periodical Abs Plustext 1986-2003/Nov W5  
     (c) 2003 ProQuest  
 File 613:PR Newswire 1999-2003/Dec 09  
     (c) 2003 PR Newswire Association Inc  
 File 16:Gale Group PROMT(R) 1990-2003/Dec 08  
     (c) 2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 634:San Jose Mercury Jun 1985-2003/Dec 08  
     (c) 2003 San Jose Mercury News  
 File 370:Science 1996-1999/Jul W3  
     (c) 1999 AAAS  
 File 95:TEME-Technology & Management 1989-2003/Nov W4  
     (c) 2003 FIZ TECHNIK  
 File 148:Gale Group Trade & Industry DB 1976-2003/Dec 08  
     (c) 2003 The Gale Group  
 File 553:Wilson Bus. Abs. FullText 1982-2003/Oct  
     (c) 2003 The HW Wilson Co  
 File 47:Gale Group Magazine DB(TM) 1959-2003/Dec 08  
     (c) 2003 The Gale group  
 File 141:Readers Guide 1983-2003/Oct  
     (c) 2003 The HW Wilson Co

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 16      | AU='DEFFLER T':AU='DEFFLER TAD A'  |
| S2  | 0       | AU='DEFFLER, T'  |
| S3  | 306     | AU='MINTZ E':AU='MINTZ EE'   |
| S4  | 42      | AU='MINTZ EM':AU='MINTZ ERIC M'  |
| S5  | 32      | AU='MINTZ, E. ':AU='MINTZ, E.A.'   |
| S6  | 52      | AU='MINTZ, ERIC':AU='MINTZ, ERIC, 1952-'   |
| S7  | 445     | S1 OR S2 OR S3 OR S4 OR S5 OR S6   |
| S8  | 41      | S7 FROM 347,348,349,350,371  |
| S9  | 444755  | IC=(G06F-017? OR G06F-007? OR G06F-009?)   |
| S10 | 19      | S8 AND S9  |
| S11 | 283933  | MACRO? ? OR MACROINSTRUCTION? ?  |
| S12 | 7       | S10 AND S11  |
| S13 | 7       | S8 AND S11   |
| S14 | 7       | IDPAT S12 (sorted in duplicate/non-duplicate order)  |
| S15 | 404     | S7 NOT S8  |
| S16 | 0       | S11 AND S15  |
| S17 | 9352764 | ON(2W)(REQUEST OR DEMAND) OR ON(2W)FLY OR (AS OR WHEN)(2W)-<br>(NEEDED OR REQUIRED) OR JUST(2W)TIME OR DYNAMIC? OR JIT OR TO-<br>()ORDER OR REALTIME OR (REAL OR ACTUAL) ()TIME OR BEHIND(2W)SC-<br>ENE? ? OR ADAPTIV? OR TRANSPARENT? |
| S18 | 65986   | S11 AND S17  |
| S19 | 8       | S15 AND S17  |
| S20 | 5       | S19 NOT PY>1998  |
| S21 | 4       | RD (unique items)  |
| S22 | 11      | S14 OR S21   |

22/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01161802

METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
VERFAHREN UND SYSTEM FÜR EXTENSIBLE MAGRO-SPRACHE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGAGE EXTENSIBLE  
PATENT ASSIGNEE:

Computer Associates Think, Inc., (2947530), 1 Computer Associates Plaza,  
Islandia, New York 11749, (US), (Applicant designated States: all)

INVENTOR:

\*DEFFLER, Tad, A.\* , 457 Rockaway Street, Boonton, NJ 07005, (US)  
\*MINTZ, Eric\*, 131 Woodbridge Avenue, Metuchen, NJ 08840-2030, (US)

LEGAL REPRESENTATIVE:

Whitten, George Alan (71691), R.G.C. Jenkins & Co., 26 Caxton Street,  
London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 1121654 A1 010808 (Basic)  
WO 200023919 000427

APPLICATION (CC, No, Date): EP 99956567 991015; WO 99US24115 991015

PRIORITY (CC, No, Date): US 104682 P 981016

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: \*G06F-017/30\*

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGAGE EXTENSIBLE

INVENTOR:

\*DEFFLER, Tad, A\*...

...US)

\*MINTZ, Eric\*...

INTERNATIONAL PATENT CLASS: \*G06F-017/30\*

22/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00560510 \*\*Image available\*\*

APPARATUS AND METHOD FOR BUILDING MODELING TOOLS  
APPAREIL ET PROCEDE DE CONSTRUCTION D'OUTILS DE MODELISATION

Patent Applicant/Assignee:

COMPUTER ASSOCIATES THINK INC,  
DEFFLER Tad A,

Inventor(s):

\*DEFFLER Tad A\*

Patent and Priority Information (Country, Number, Date):

Patent: WO 200023883 A1 20000427 (WO 0023883)

Applicatiōn: WO 99US24118 19991015 (PCT/WO US9924118)

Priority Application: US 98104682 19981016

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HU ID IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6209

Inventor(s):

\*DEFFLER Tad A\*...

Main International Patent Class: \*G06F-009/44\*

Fulltext Availability:  
Detailed Description

Detailed Description

... S. Patent Application No. (Attorney Docket  
#22074661-25533) entitled METHOD AND SYSTEM FOR AN  
EXTENSIBLE \*MACRO\* LANGUAGE, being concurrently filed on  
the same day, which is incorporated by reference herein  
in...

22/3,K/9 . . .(Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03863497 INSPEC Abstract Number: C91029629

Title: An approach to efficient software/hardware integration in embedded  
computer systems

Author(s): Kestenberg, N.; Kadary, V.; Fisher, R.; \*Mintz, E.\*

Author Affiliation: MBT/Israel Aircraft Ind., Yehud, Israel

Conference Title: Proceedings. Third Israel Conference on Computer  
Systems and Software Engineering p.24-9

Publisher: IEEE, Washington, DC, USA

Publication Date: 1988 Country of Publication: USA vii+188 pp.

ISBN: 0 8186 0884 6

Conference Sponsor: IEEE

Conference Date: 6-7 June 1988 Conference Location: Tel-Aviv, Israel

Language: English

Subfile: C

Author(s): Kestenberg, N.; Kadary, V.; Fisher, R.; \*Mintz, E.\*

Descriptors: \*real\*-\*time\* systems...

22/AA,AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01161802

METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
VERFAHREN UND SYSTEM FUR EXTENSIBLE MAGRO-SPRACHE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGAGE EXTENSIBLE  
APPLICATION (CC, No, Date): EP 99956567 991015; WO 99US24115 991015  
PRIORITY (CC, No, Date): US 104682 P 981016

22/AA,AN,AZ,TI/2 (Item 1 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560546

METHOD AND SYSTEM FOR AN EXTENSIBLE \*MACRO\* LANGUAGE  
PROCEDE ET SYSTEME POUR \*MACRO\*-LANGAGE EXTENSIBLE  
Application: WO 99US24115 19991015 (PCT/WO US9924115)

22/AA,AN,AZ,TI/3 (Item 2 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560544

ACCESSING A HIERARCHICAL DATA STORE THROUGH AN SQL INPUT  
ACCES A UNE MEMOIRE DE DONNEES HIERARCHIQUE PAR UNE ENTREE SQL  
Application: WO 99US23876 19991015 (PCT/WO US9923876)

22/AA,AN,AZ,TI/4 (Item 3 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560510

APPARATUS AND METHOD FOR BUILDING MODELING TOOLS  
APPAREIL ET PROCEDE DE CONSTRUCTION D'OUTILS DE MODELISATION  
Application: WO 99US24118 19991015 (PCT/WO US9924118)

22/AA,AN,AZ,TI/5 (Item 4 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560509

IMPACT ANALYSIS OF A MODEL  
ANALYSE D'IMPACT D'UN MODELE  
Application: WO 99US24117 19991015 (PCT/WO US9924117)

22/AA,AN,AZ,TI/6 (Item 5 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560490

DETERMINING DIFFERENCES BETWEEN TWO OR MORE METADATA MODELS  
PROCEDE DE DETERMINATION DES DIFFERENCES ENTRE DEUX MODELES OU DAVANTAGE  
Application: WO 99US24120 19991015 (PCT/WO US9924120)

22/AA,AN,AZ,TI/7 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

013193070

WPI Acc No: 2000-364943/

Extensible \*macro\* language providing method for use in computer language  
processors, involves retrieving code associated with keywords  
representing new \*macro\* command, which is then executed  
Local Applications (No Type Date): WO 99US24115 A 19991015; AU 200013152 A

19991015; EP 99956567 19991015; WO 99US24115 A 19991015; BR 9914551 A  
19991015; WO 99US24115 A 19991015; WO 99US24115 A 19991015; JP 2000577592  
A 19991015; CN 99812038 A 19991015  
Priority Applications (No Type Date): US 98104682 P 19981016

22/AA,AN,AZ,TI/8 (Item 1 from file: 8)  
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

02227281  
E.I. Monthly No: EIM8702-008303  
Title: \*ADAPTIVE\* SUBBANDS EXCITED TRANSFORM (ASET) CODING.

22/AA,AN,AZ,TI/9 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

03863497 INSPEC Abstract Number: C91029629  
Title: An approach to efficient software/hardware integration in embedded  
computer systems

22/AA,AN,AZ,TI/10 (Item 2 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

02867648 INSPEC Abstract Number: B87027341  
Title: \*Adaptive\* subbands excited transform (ASET) coding (speech coding)

22/AA,AN,AZ,TI/11 (Item 1 from file: 144)  
DIALOG(R)File 144:(c) 2003 INIST/CNRS. All rts. reserv.

04772192 PASCAL No.: 83-0012655  
Actinide tris(hydrocarbyls). Synthesis, properties, structure, and  
molecular \*dynamics\* of thorium and uranium pentamethylcyclopentadienyl  
tris( eta SUP n -benzyls)

?show files;ds  
 File 347:JAPIO Oct 1976-2003/Aug(Updated 031202)  
 (c) 2003 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200379  
 (c) 2003 Thomson Derwent  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 2682317 | EXTEN? OR UNDEFINED OR (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3W) (DEFIN? OR DESIGNAT??? OR STIPULAT??? OR SET OR DETERMIN? OR ESTABLISH?) OR ADD??? OR ADDITIONAL                         |
| S2  | 12262   | MACRO? ? OR MACROINSTRUCTION? ?  |
| S3  | 2201747 | COMMAND? ? OR INSTRUCTION? ? OR ELEMENT? ? OR ARGUMENT? ?  |
| S4  | 4591899 | RUN? ? OR RUNNING OR EXECUT??? OR PERFORM? OR ACTION? OR ACTIVAT??? OR BEGIN? OR EFFECT??? OR ACTUAT??? OR LAUNCH OR INITIAT???  |
| S5  | 123     | (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3N) (RECOMPIL??? OR REOPTIMIS??? OR REOPTIMIZ??? OR RE() (COMPIL??? OR OPTIMIS??? OR OPTIMIZ???)  |
| S6  | 9447    | KEYWORD? ? OR KEY() (WORD? ? OR TEXT OR PHRASE? ?)   |
| S7  | 1502829 | REGISTR??? OR REGISTER??? OR RECORD??? OR TABULAT???   |
| S8  | 646997  | ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR JUST(2W) TIME OR DYNAMIC? OR JIT OR TO() ORDER OR REALTIME OR (REAL OR ACTUAL) () TIME OR BEHIND(2W) SCENE? ? OR ADAPTIV? OR TRANSPARENT? |
| S9  | 54      | S2 (10N) (S1 (7N) S3)  |
| S10 | 25      | S4 (5N) S5   |
| S11 | 9       | S6 (5N) S7 (5N) S8   |
| S12 | 0       | S9 (S) S10 (S) S11   |
| S13 | 21      | S6 (10N) S7 (10N) S8   |
| S14 | 0       | S9 AND S10 AND S13   |
| S15 | 0       | S2 AND S13   |
| S16 | 0       | S9 AND (S10 OR S13)  |
| S17 | 0       | S2 AND (S10 OR S13)  |
| S18 | 2       | S2 AND S4 AND S5   |
| S19 | 62194   | S1 (5N) (S2 OR S3)   |
| S20 | 1       | S2 AND ((S4 (S) S5) OR (S6 (S) S7 (S) S8))   |
| S21 | 40      | S2 (7N) (S1 (5N) S3)   |
| S22 | 76      | S10 OR S11 OR S18 OR S20 OR S21  |
| S23 | 387-515 | IG=(G06F-017? OR G06F-007? OR G06F-009?)   |
| S24 | 32      | S22 AND S23  |
| S25 | 14      | S21 AND S23  |
| S26 | 12      | S10 AND S23  |
| S27 | 37      | S26 OR S11 OR S18 OR S20 OR S25  |
| S28 | 32      | IDPAT S24 (sorted in duplicate/non-duplicate order)  |
| S29 | 32      | IDPAT S24 (primary/non-duplicate records only)   |

29/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014986102 \*\*Image available\*\*

WPI Acc No: 2003-046617/200304

XRPX Acc No: N03-036797

File format translator writes set of features of source file into target  
file in target format using back-end lookup table

Patent Assignee: STEVENS M A (STEV-I)

Inventor: STEVENS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020143823 | A1   | 20021003 | US 2001766335 | A    | 20010119 | 200304 B |

Priority Applications (No Type Date): US 2001766335 A 20010119

Patent Details:

| Patent No      | Kind | Lan | Pg | Main IPC    | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20020143823 | A1   | 17  |    | G06F-017/22 |              |

Abstract (Basic):

... Performs \*effective\* translation of distinct file format

\*without\* \*re\*-\*compiling\* the source file, using the lookup tables...

International Patent Class (Main): \*G06F-017/22\*

International Patent Class (Additional): \*G06F-017/21\*

29/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014802937 \*\*Image available\*\*

WPI Acc No: 2002-623643/200267

XRPX Acc No: N02-493946

Compile system has subroutine call management unit which replaces object  
code with executable program, such that object code is loaded during  
program execution operation

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No     | Kind | Date     | Applicat No  | Kind | Date     | Week     |
|---------------|------|----------|--------------|------|----------|----------|
| JP 2002222088 | A    | 20020809 | JP 200117287 | A    | 20010125 | 200267 B |

Priority Applications (No Type Date): JP 200117287 A 20010125

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| JP 2002222088 | A    | 21  |    | G06F-009/45 |              |

Abstract (Basic):

... Enables \*re\*-\*compiling\* \*without\* reducing \*execution\* speed by  
providing the subroutine call management unit which replaces the object  
code with the...

International Patent Class (Main): \*G06F-009/45\*

29/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013242800 \*\*Image available\*\*

WPI Acc No: 2000-414682/200036

XRPX Acc No: N00-309844

Method for modifying executable files including several compiled  
instructions by detecting whether instruction is patch instruction which

transfers flow of execution to loaded associated conventional instruction group

Patent Assignee: APPLIED MICROSYSTEMS CORP (MICR-N); APPLIED MICROSYSTEMS INC (MICR-N); TINKER J L (TINK-I)

Inventor: TINKER J L

Number of Countries: 028 Number of Patents: 004

Patent Family:

| Patent No      | Kind | Date     | Applicat No | Kind | Date     | Week     |
|----------------|------|----------|-------------|------|----------|----------|
| EP 1014263     | A2   | 20000628 | EP 99310012 | A    | 19991213 | 200036 B |
| JP 2000181725  | A    | 20000630 | JP 99355196 | A    | 19991214 | 200037   |
| CA 2292123     | A1   | 20000614 | CA 2292123  | A    | 19991208 | 200044   |
| US 20020073398 | A1   | 20020613 | US 98212182 | A    | 19981214 | 200243   |

Priority Applications (No Type Date): US 98212182 A 19981214

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|            |    |   |    |              |  |
|------------|----|---|----|--------------|--|
| EP 1014263 | A2 | E | 24 | G06F-009/445 |  |
|------------|----|---|----|--------------|--|

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

|               |   |    |              |
|---------------|---|----|--------------|
| JP 2000181725 | A | 26 | G06F-009/455 |
|---------------|---|----|--------------|

|            |    |   |             |
|------------|----|---|-------------|
| CA 2292123 | A1 | E | G06F-009/44 |
|------------|----|---|-------------|

|                |    |  |             |
|----------------|----|--|-------------|
| US 20020073398 | A1 |  | G06F-009/44 |
|----------------|----|--|-------------|

Abstract (Basic):

INDEPENDENT CLAIMS are included for: a computer system for adding instructions to be \*executed\* to executable compiled file \*without\* its \*recompiling\* and a computer readable medium containing instructions for controlling a computer system for adding instructions to be \*executed\* to executable compiled file \*without\* its \*recompiling\*.

International Patent Class (Main): \*G06F-009/44\*

... \*G06F-009/445\*

... \*G06F-009/455\*

International Patent Class (Additional): \*G06F-009/45\*

29/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013193070 \*\*Image available\*\*

WPI Acc No: 2000-364943/200031

Related WPI Acc No: 2000-350445; 2000-364925; 2000-364933; 2000-364941; 2002-506611

XRPX Acc No: N00-273130

Extensible macro language providing method for use in computer language processors, involves retrieving code associated with keywords representing new macro command, which is then executed

Patent Assignee: COMPUTER ASSOC THINK INC (COMP-N)

Inventor: DEFFLER T A; MINTZ E

Number of Countries: 081 Number of Patents: 006

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|---------------|------|----------|---------------|------|----------|----------|
| WO 200023919  | A1   | 20000427 | WO 99US24115  | A    | 19991015 | 200031 B |
| AU 200013152  | A    | 20000508 | AU 200013152  | A    | 19991015 | 200037   |
| EP 1121654    | A1   | 20010808 | EP 99956567   | A    | 19991015 | 200146   |
|               |      |          | WO 99US24115  | A    | 19991015 |          |
| BR 9914551    | A    | 20020305 | BR 9914551    | A    | 19991015 | 200225   |
|               |      |          | WO 99US24115  | A    | 19991015 |          |
| JP 2002528794 | W    | 20020903 | WO 99US24115  | A    | 19991015 | 200273   |
|               |      |          | JP 2000577592 | A    | 19991015 |          |
| CN 1361891    | A    | 20020731 | CN 99812038   | A    | 19991015 | 200279   |

Priority Applications (No Type Date): US 98104682 P 19981016

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023919 A1 E 31 G06F-017/30

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200013152 A G06F-017/30 Based on patent WO 200023919

EP 1121654 A1 E G06F-017/30 Based on patent WO 200023919

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

BR 9914551 A G06F-017/30 Based on patent WO 200023919

JP 2002528794 W 20 G06F-009/45 Based on patent WO 200023919

CN 1361891 A G06F-017/30

Abstract (Basic):

The providing method involves determining one or more keywords representing new \*macro\* \*command\* \*not\* previously \*defined\* in the \*macro\* language, in the analyzed \*macro\* language expression, based on preset syntax of the macro language. Then, code associated with the...

International Patent Class (Main): \*G06F-009/45\*...

...\*G06F-017/30\*

29/3,K/21 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

06948137 \*\*Image available\*\*

DEVICE AND METHOD FOR ADAPTIVE DICTIONARY

PUB. NO.: 2001-175689 [JP 2001175689 A]

PUBLISHED: June 29, 2001 (20010629)

INVENTOR(s): KANEMICHI TOSHIKI

YOSHIDA HIDEYUKI

WATANABE TAISUKE

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD

APPL. NO.: 2000-341565 [JP 2000341565]

Division of 08-230012 [JP 96230012]

FILED: August 30, 1996 (19960830)

PRIORITY: 08-031547 [JP 9631547], JP (Japan), February 20, 1996

(19960220)

07-226172 [JP 95226172], JP (Japan), September 04, 1995  
(19950904)

INTL CLASS: \*G06F-017/30\*; G06N-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an \*adaptive\* dictionary device which preferentially \*registers\* a \*key\* \*word\* effective for the purpose of deciding whether a user is necessary or not by using...

29/3,K/31 . . . (Item 31 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

02021846 \*\*Image available\*\*

DATA PROCESSOR

PUB. NO.: 61-235946 [JP 61235946 A]  
PUBLISHED: October 21, 1986 (19861021)  
INVENTOR(s): SASAKI HISAO  
MAEJIMA HIDEO  
HOTTA TAKASHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 60-076565 [JP 8576565]  
FILED: April 12, 1985 (19850412)  
JOURNAL: Section: P, Section No. 555, Vol. 11, No. 79, Pg. 57, March  
11, 1987 (19870311)

INTL CLASS: \*G06F-009/22\*

ABSTRACT

... decoder so that a register selecting signal is generated. Accordingly, in case of changing and \*adding\* a \*macro\*-\*instruction\* having \*no\* register \*designating\* field, it can be coped with by only rewriting a micro-instruction stored in a...

29/AZ, TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015684803

Pipeline microprocessor has execution logic that issues transaction over memory bus that requests for cache line in exclusive state, on receiving micro-instruction from translation logic

29/AZ, TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015604869

Simulation apparatus for hardware design verification, includes auxiliary simulation model that generates pseudo output data without performing real arithmetic processing with respect to input data

29/AZ, TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015377184

Pipeline microprocessor includes floating point register logic which performs floating point exchange operation directed by micro instruction extension, in parallel with operation directed by micro instruction

29/AZ, TI/4 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

015254997

Computer aided design system for improved design, has extraction mechanism, display, allowing mechanism and storage arrangement.

29/AZ, TI/5 (Item 5 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014986102

File format translator writes set of features of source file into target file in target format using back-end lookup table

29/AZ, TI/6 (Item 6 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014884680

Software product store keeping unit management method for computer system, involves providing information about authorized store keeping unit, based on matching of encrypted brands

29/AZ, TI/7 (Item 7 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014802937

Compile system has subroutine call management unit which replaces object code with executable program, such that object code is loaded during program execution operation

29/AZ, TI/8 (Item 8 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014053067

Method and device for reducing additional expenditure micro-code look-up operations improves the rate for converting \*macro\*\*commands\* into corresponding micro-\*commands\* while \*adding\* coding to a micro-code memory device.

29/AZ, TI/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

014009405

Debug system of routine-work program for handheld terminals, performs symbolic debug by integrating debug function in interpreter and communicating with host computer and handheld terminal

29/AZ, TI/10 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

013242800

Method for modifying executable files including several compiled instructions by detecting whether instruction is patch instruction which transfers flow of execution to loaded associated converted instruction group

29/AZ, TI/11 (Item 11 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

013193070

Extensible macro language providing method for use in computer language processors, involves retrieving code associated with keywords representing new macro command, which is then executed

29/AZ, TI/12 (Item 12 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

012988072

Error pointer recording apparatus for floating point macro instruction in microprocessor

29/AZ, TI/13 (Item 13 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

012827535

Database accessing system for object oriented language processing

29/AZ, TI/14 (Item 14 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

012001684

Computerised data processing system - designates pointer and identifier and uses each data as starting point during processing when following a coupling path

29/AZ, TI/15 (Item 15 from file: 350)

DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

011651090

Relational data base management method with document search function - involves extracting first and second record identifier from document number and attribute value of search request signal based on which

document data from data base is searched

29/AZ, TI/16 (Item 16 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

011546961

Database updating system e.g. banking system - includes data processing part which produces macroinstruction containing positional information of accessed database for renewal process

29/AZ, TI/17 (Item 17 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

008548723

Multi-national message processing system - uses message processor logic, to combine file message data with data supplied by \*executing\* application

29/AZ, TI/18 (Item 18 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

007963574

Document recovery system from data base - has facility to combine key word combinations dependent upon user and frequency of use

29/AZ, TI/19 (Item 19 from file: 350)  
DIALOG(R)File 350:(c) 2003 Thomson Derwent. All rts. reserv.

004376431

Mini-computer having address translation unit - uses sixteen or thirty-two bit logic addresses with macro-instruction decoder, dual port cache memory and bank control being provided

29/AZ, TI/20 (Item 20 from file: 347)  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

07419450

COMMAND STEAL SYSTEM IN MACRO CODE

29/AZ, TI/21 (Item 21 from file: 347)  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

06948137

DEVICE AND METHOD FOR ADAPTIVE DICTIONARY

29/AZ, TI/22 (Item 22 from file: 347)  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

05904334

SECURITY KEEPING SYSTEM

29/AZ, TI/23 (Item 23 from file: 347)  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

05890787

MULTI-FUNCTIONAL COPYING MACHINE

**29/AZ, TI/24 (Item 24 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

04360598  
MULTIPROCESSOR

**29/AZ, TI/25 (Item 25 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

04189973  
MICROPROCESSOR

**29/AZ, TI/26 (Item 26 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

03459821  
UNDEFINED SYMBOL EXECUTING SYSTEM

**29/AZ, TI/27 (Item 27 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

03304701  
METHOD AND DEVICE FOR DIGITAL CONTROL

**29/AZ, TI/28 (Item 28 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

03031626  
PROGRAM SIZE REDUCING DEVICE AND METHOD

**29/AZ, TI/29 (Item 29 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

02972537  
SYSTEM FOR TAKING OVER COMPILATION VARIABLE

**29/AZ, TI/30 (Item 30 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

02551033  
SUBPROGRAM CALLING SYSTEM IN INTERPRETER

**29/AZ, TI/31 (Item 31 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

02021846  
DATA PROCESSOR

**29/AZ, TI/32 (Item 32 from file: 347)**  
DIALOG(R)File 347:(c) 2003 JPO & JAPIO. All rts. reserv.

01806036  
PROGRAM COUNTER CONTROL SYSTEM

S27

45 RD (uncheck items)

27/3,K/22 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01815625 INSPEC Abstract Number: C82011976

Title: Programming aids-rapid evolution or slow revolution?

Author(s): McCartney, J.

Journal: Data Processing vol.23, no.9 p.20-3

Publication Date: Oct. 1981 Country of Publication: UK

CODEN: DPROAT ISSN: 0011-684X

Language: English

Subfile: C

...Abstract: evolution of systems software. Modular coding and online interactive development jockey for position with language \*extensions\* and \*macro\* \*commands\*, while data dictionary systems aim at removing file handling from the mainstream programming process.

27/3,K/23 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01078772 INSPEC Abstract Number: C77018459

Title: KATE: a \*macro\*-processor for \*extending\* \*command\* languages

Author(s): Teskey, N.

Author Affiliation: Univ. of Kent, Canterbury, UK

Journal: Computer Journal vol.20, no.2 p.187-9

Publication Date: May 1977 Country of Publication: UK

CODEN: CMPJA6 ISSN: 0010-4620

Language: English

Subfile: C

Title: KATE: a \*macro\*-processor for \*extending\* \*command\* languages

27/3,K/25 . . . (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00264447 INSPEC Abstract Number: C71012124

Title: Principles of realisation of a macro-generator

Author(s): Gros, J.

Journal: Revue Francaise d'Informatique et de Recherche Operationnelle  
vol.4, no.B3 p.109-24

Publication Date: Dec. 1970 Country of Publication: France

CODEN: RFIOAY

Language: French

Subfile: C

Abstract: After introducing \*macro\* \*instruction\* \*extensions\* and language-independent \*macro\* processing concepts, a macro-generator is described. It provides all the features normally associated with...

27/3,K/37 (Item 1 from file: 434)

DIALOG(R)File 434:SciSearch(R) Cited Ref Sci

(c) 1998 Inst for Sci Info. All rts. reserv.

01550663 Genuine Article#: DJ461 No. References: 7

Title: DISCUSSION AND CORRESPONDENCE KATE - \*MACRO\*-PROCESSOR FOR  
\*EXTENDING\* \*COMMAND\* LANGUAGES

Author(s): TESKEY N

Corporate Source: UNIV KENT,LEGAL RES COMP & COMMUN UNIT/CANTERBURY CT2  
7NJ/KENT/ENGLAND/

Journal: COMPUTER JOURNAL, 1977, V20, N2, P187-189  
Language: ENGLISH Document Type: NOTE

Title: DISCUSSION AND CORRESPONDENCE KATE - \*MACRO\*-PROCESSOR FOR  
\*EXTENDING\* \*COMMAND\* LANGUAGES

27/AA,AN, TI/1 (Item 1 from file: 35)  
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

01684367  
**A THREE-TIER DATABASE SYSTEM FOR JAVA REMOTE OBJECTS (INTERNET)**

27/AA,AN, TI/2 (Item 2 from file: 35)  
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

01611132  
**CRACK TIP MECHANICS IN PERIODICALLY LAYERED COMPOSITES (FRACTURE, ELASTIC PLASTIC RESPONSE, STRESS)**

27/AA,AN, TI/3 (Item 3 from file: 35)  
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

01303025  
**DEVELOPMENT OF EAGLE MACRO ELEMENTS FOR CONSTRUCTION OF GENERIC GRIDS**

27/AA,AN, TI/4 (Item 4 from file: 35)  
DIALOG(R)File 35:(c) 2003 ProQuest Info&Learning. All rts. reserv.

1032315  
**MULTI-LEVEL ITERATIVE TECHNIQUES**

27/AA,AN, TI/5 (Item 1 from file: 8)  
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

05249406  
E.I. No: EIP99034603845  
Title: Integrated software environment for the design and real-time implementation of control systems

27/AA,AN, TI/6 (Item 2 from file: 8)  
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04562413  
E.I. No: EIP96113421086  
Title: Software architecture approach for designing CASE systems

27/AA,AN, TI/7 (Item 3 from file: 8)  
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

04306491  
E.I. No: EIP95122954527  
Title: Implementation and performance of composite fast FIR filtering algorithms

27/AA,AN, TI/8 (Item 4 from file: 8)  
DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03038205  
E.I. Monthly No: EIM9103-012121  
Title: Theory and application of the newly developed high-efficient flux for treating aluminium or aluminium alloys.

27/AA,AN, TI/9 (Item 5 from file: 8)

DIALOG(R)File 8:(c) 3 Elsevier Eng. Info. Inc. All rts. reserv.

02109648

E.I. Monthly No: EIM8608-052238

Title: INTERACTIVE SOFTWARE PACKAGE FOR COMPUTER AIDED DESIGN OF CONTROL SYSTEMS.

27/AA,AN, TI/10 (Item 6 from file: 8)

DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

02021542

E.I. Monthly No: EI8609081568

Title: CONVERSION OF A TOKEN THREADED LANGUAGE TO AN ADDRESS THREADED LANGUAGE.

27/AA,AN, TI/11 (Item 7 from file: 8)

DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01402494

E.I. Monthly No: EI8311092374

Title: PROGRAMMABLE COMPILER.

27/AA,AN, TI/12 (Item 8 from file: 8)

DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01359648

E.I. Monthly No: EI8306041152

Title: STOIC, AN INTERACTIVE PROGRAMMING SYSTEM FOR DEDICATED COMPUTING.

27/AA,AN, TI/13 (Item 1 from file: 202)

DIALOG(R)File 202:(c) 2003 EBSCO Publishing. All rts. reserv.

0401822

Abacus - ab atomic energy computerized user-oriented services: the mechanization of bibliographic list production.

27/AA,AN, TI/14 (Item 1 from file: 2)

DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts. reserv.

Title: Hierarchical execution to speed up pipeline interlock in mainframe computers

27/AA,AN, TI/15 (Item 2 from file: 2)

DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts. reserv.

Title: Exploiting the induced order on type-labeled graphs for fast knowledge retrieval

27/AA,AN, TI/16 (Item 3 from file: 2)

DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts. reserv.

Title: The data-parallel Ada run-time system, simulation and empirical results

27/AA,AN,TI/17 (Item 4 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Spreadsheet approach to partial differential equations. I. Elliptic equation

27/AA,AN,TI/18 (Item 5 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: OODDM: An object-oriented database design model

27/AA,AN,TI/19 (Item 6 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: A power MOSFET macro-model for circuit simulation

27/AA,AN,TI/20 (Item 7 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Staircase telescope arrays for local beam compression in one dimension

27/AA,AN,TI/21 (Item 8 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Text editing with EMACS

27/AA,AN,TI/22 (Item 9 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Programming aids-rapid evolution or slow revolution?

27/AA,AN,TI/23 (Item 10 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: KATE: a \*macro\*-processor for \*extending\* \*command\* languages

27/AA,AN,TI/24 (Item 11 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Heuristic techniques in computer-aided circuit analysis

27/AA,AN,TI/25 (Item 12 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Principles of realisation of a macro-generator

27/AA,AN,TI/26

(Item 1 from file: 94)

DIALOG(R)File 94:(c)2003 Japan Science and Tech Corp(JST). All rts.  
reserv.

03779780 JICST ACCESSION NUMBER: 98A0881814

A performance evaluation of Run-time Restructuring architecture testbed  
"Ocha-Pro".

27/AA,AN,TI/27

(Item 2 from file: 94)

DIALOG(R)File 94:(c)2003 Japan Science and Tech Corp(JST). All rts.  
reserv.

03600324 JICST ACCESSION NUMBER: 98A0620356

A detailed discussion on the extension of the set oriented language SOL by  
introducing indefinite type and labeled map notations.

27/AA,AN,TI/28

(Item 3 from file: 94)

DIALOG(R)File 94:(c)2003 Japan Science and Tech Corp(JST). All rts.  
reserv.

03542726 JICST ACCESSION NUMBER: 98A0323368

The design and implementation of high performance and portable Java Virtual  
Machine.

27/AA,AN,TI/29

(Item 1 from file: 6)

DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: PB98-126949/XAB

NGIS SIM Specification

(Draft rept)

27/AA,AN,TI/30

(Item 2 from file: 6)

DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: DE96010390

Seasonal trends in growth and biomass accumulation of selected nutrients  
and metals in six species of emergent aquatic macrophytes

27/AA,AN,TI/31

(Item 3 from file: 6)

DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A221 462/5

Real-Time Measurement of Mental Workload Using Psychophysiological  
Measures

(Interim rept. Jan-Dec 89)

27/AA,AN,TI/32

(Item 4 from file: 6)

DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A219 923/0

Sharing Memory Robustly in Message-Passing Systems  
(Technical rept)

27/AA,AN,TI/33

(Item 5 from file: 6)

DIALOG(R)File 6:(c) 3 NTIS, Intl Cpyrht All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A217 488/6  
Procedure for Recording Multiple-Exposure Holograms with Equal  
Diffraction Efficiency in Photorefractive Media

27/AA,AN, TI/34 (Item 6 from file: 6)  
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrht All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A179 344/7  
Modeling and Simulation of the WFTA (Winograd Fourier Transform  
Algorithm) 16 PFA (Prime Factor Algorithm) Processor Using the VHSIC (Very  
High Speed Integrated Circuit) Hardware Description Language. Volume 1  
(Master's thesis)

27/AA,AN, TI/35 (Item 7 from file: 6)  
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrht All Rights Res. All rts.  
reserv.

NTIS Accession Number: PB86-228616  
Release Notes for STAT2 Version 1.7: An Addendum to NBS (National Bureau  
of Standards) Special Publication 400-75

27/AA,AN, TI/36 (Item 8 from file: 6)  
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrht All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-474 019/7/XAB  
Calculaid: An on-Line System for Algebraic Computation and Analysis  
(Master's thesis)

27/AA,AN, TI/37 (Item 1 from file: 434)  
DIALOG(R)File 434:(c) 1998 Inst for Sci Info. All rts. reserv.

01550663  
Title: DISCUSSION AND CORRESPONDENCE KATE - \*MACRO\*-PROCESSOR FOR  
\*EXTENDING\* \*COMMAND\* LANGUAGES

27/AA,AN, TI/38 (Item 1 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00099648  
TITLE: OpenDoc changes tack; objects bound for Java

27/AA,AN, TI/39 (Item 2 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00089496  
TITLE: Java: Internet Toy or Enterprise Tool?

27/AA,AN, TI/40 (Item 3 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00071749

TITLE: Breaking the Keyboard Barrier: Voice Input to Information  
Retrieval

27/AA,AN, TI/41 (Item 4 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00067072

TITLE: Release 5.0 Puts 1-2-3 on a Map

27/AA,AN, TI/42 (Item 5 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00066186

TITLE: A Whole New World

27/AA,AN, TI/43 (Item 6 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00062958

TITLE: PowerBuilder Helps Manufacturing Company Stay Competitive

27/AA,AN, TI/44 (Item 1 from file: 99)  
DIALOG(R)File 99:(c) 2003 The HW Wilson Co. All rts. reserv.

1390576 H.W. WILSON RECORD NUMBER: BAST94035494  
Extensible software systems

27/AA,AN, TI/45 (Item 2 from file: 99)  
DIALOG(R)File 99:(c) 2003 The HW Wilson Co. All rts. reserv.

1203425 H.W. WILSON RECORD NUMBER: BAST94072088  
The Newton and the hare

?show files;ds  
File 9:Business & Industry(R) Jul/1994-2003/Dec 08  
      (c) 2003 Resp. DB Svcs.  
File 15:ABI/Inform(R) 1971-2003/Dec 09  
      (c) 2003 ProQuest Info&Learning  
File 635:Business Dateline(R) 1985-2003/Dec 09  
      (c) 2003 ProQuest Info&Learning  
File 610:Business Wire 1999-2003/Dec 09  
      (c) 2003 Business Wire.  
File 647:CMF Computer Fulltext 1988-2003/Dec W1  
      (c) 2003 CMF Media, LLC  
File 674:Computer News Fulltext 1989-2003/Dec W1  
      (c) 2003 IDG Communications  
File 275:Gale Group Computer DB(TM) 1983-2003/Dec 08  
      (c) 2003 The Gale Group  
File 20:Dialog Global Reporter 1997-2003/Dec 09  
      (c) 2003 The Dialog Corp.

| Set | Items    | Description  |
|-----|----------|--|
| S1  | 10245403 | EXTEN? OR UNDEFINED OR (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR OMITT???) (3W) (DEFIN? OR DESIGNAT??? OR STIPULAT??? OR SET OR DETERMIN? OR ESTABLISH?) OR ADD??? OR ADDITIONAL                     |
| S2  | 89336    | MACRO? ? OR MACROINSTRUCTION? ?  |
| S3  | 1905235  | COMMAND? ? OR INSTRUCTION? ? OR ELEMENT? ? OR ARGUMENT? ?  |
| S4  | 1513     | (NON OR "NOT" OR NO OR WITHOUT OR WITH()OUT OR OMIT? ? OR - OMITT???) (3N) (RECOMPIL??? OR REOPTIMIS??? OR REOPTIMIZ??? OR - RE() (COMPIL??? OR OPTIMIS??? OR OPTIMIZ???)  |
| S5  | 293163   | KEYWORD? ? OR KEY() (WORD? ? OR TEXT OR PHRASE? ?)   |
| S6  | 4480030  | REGISTR??? OR REGISTER??? OR RECORD??? OR TABULAT???   |
| S7  | 1770485  | ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR JUST(2W)TIME OR DYNAMIC? OR JIT OR TO()ORDER OR REALTIME OR (REAL OR ACTUAL) ()TIME OR BEHIND(2W)SCENE? ? OR ADAPTIV? OR TRANSPARENT? |
| S8  | 358      | S2 (5N) (S1 (5N) S3)   |
| S9  | 308      | S4 (5N) (RUN? ? OR RUNNING OR EXECUT??? OR PERFORM? OR ACTION? OR ACTIVAT??? OR BEGIN? OR EFFECT??? OR ACTUAT??? OR LAUNCH OR INITIAT???)  |
| S10 | 6899     | S5 (S) (S6 OR S7)  |
| S11 | 0        | S8 (S) S9 (S) S10  |
| S12 | 0        | S8 AND S9 AND S10  |
| S13 | 1        | S8 (S) (S9 OR S10)   |
| S14 | 289      | S2 AND (S9 OR S10)   |
| S15 | 3752     | S1-(5N)-S2   |
| S16 | 46       | S15 AND (S9 OR S10)  |
| S17 | 6        | S15(S) (S9 OR S10)   |
| S18 | 45       | S16 NOT PY>1998  |
| S19 | 44       | RD (unique items)  |
| S20 | 10       | S19 AND PD<19981017  |

20/AA,AN,TI/1 (I 1 from file: 15)  
DIALOG(R)File 15:(c) 2003 ProQuest Info&Learning. All rts. reserv.

0056979 91-44330  
**Product Comparison: Windows Programmable Databases**

20/AA,AN,TI/2 (Item 1 from file: 647)  
DIALOG(R)File 647:(c) 2003 CMP Media, LLC. All rts. reserv.

01173855 CMP ACCESSION NUMBER: WIN19981001S0025  
**Info Accelerator Speeds PIM Duties (Software)**

20/AA,AN,TI/3 (Item 2 from file: 647)  
DIALOG(R)File 647:(c) 2003 CMP Media, LLC. All rts. reserv.

01022154 CMP ACCESSION NUMBER: WIN19940601S1885  
**Mobile Mail Keeps Remote Users in the Loop (E-Mail Software)**

20/AA,AN,TI/4 (Item 1 from file: 275)  
DIALOG(R)File 275:(c) 2003 The Gale Group. All rts. reserv.

01254694 SUPPLIER NUMBER: 07076767  
**Keywords advanced version 1.0. (keyboard enhancement package) (Software Review) (evaluation)**

20/AA,AN,TI/5 (Item 2 from file: 275)  
DIALOG(R)File 275:(c) 2003 The Gale Group. All rts. reserv.

01246226 SUPPLIER NUMBER: 06811867  
**Four 1-2-3 database add-ins. (for Lotus 1-2-3 release 2-2.01)**

20/AA,AN,TI/6 (Item 3 from file: 275)  
DIALOG(R)File 275:(c) 2003 The Gale Group. All rts. reserv.

01244966 SUPPLIER NUMBER: 06358502  
**New compiler technology boosts Microsoft QuickBASIC 4.0 productivity.**

20/AA,AN,TI/7 (Item 4 from file: 275)  
DIALOG(R)File 275:(c) 2003 The Gale Group. All rts. reserv.

01207740 SUPPLIER NUMBER: 06168966  
**January through June, 1987. (Lotus mid-year index)**

20/AA,AN,TI/8 (Item 5 from file: 275)  
DIALOG(R)File 275:(c) 2003 The Gale Group. All rts. reserv.

01207508 SUPPLIER NUMBER: 06168354  
**Upward compatibility: some observations for people who upgrade from 1-2-3 Releases 1A or 2. (1-2-3 Macros) (column)**

20/AA,AN,TI/9 (Item 6 from file: 275)  
DIALOG(R)File 275:(c) 2003 The Gale Group. All rts. reserv.

01178251 SUPPLIER NUMBER: 04367046  
**Power add-ons for dBASE. (Software Review) (evaluation)**

20/AA,AN, TI/10 (1 of 7 from file: 275)  
DIALOG(R) File 275: (c) 2003 The Gale Group. All rts. reserv.

01176241 SUPPLIER NUMBER: 00656043  
The Business of Words: Professional.